



Mathematics and CS Seminar

Uniqueness on average of large isoperimetric sets in noncompact manifolds with nonnegative Ricci curvature

Daniele Semola

University of Vienna

Host: Jan Maas

Let (M, g) be a smooth, complete Riemannian manifold with nonnegative Ricci curvature, Euclidean volume growth, and quadratic Riemann curvature decay which is not isometric to \mathbb{R}^n . I will discuss joint work with Gioacchino Antonelli and Marco Pozzetta where we prove that there exists a set $\mathcal{G} \subset (0, \infty)$ with density one at infinity such that for each volume $V \in \mathcal{G}$ there is a unique isoperimetric region with volume V inside M .

Tuesday, November 5, 2024 04:30pm - 05:30pm

Office Bldg West / Ground floor / Heinzl Seminar Room (I21.EG.101)



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

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<https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.